## LAND USE CONTROLS

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### Outline

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#### References

- OSWER Dir. 9355.0-30, Role of Baseline Risk Assessment in SUPERFUND Remedy Selection Decisions (22 APR 99)
- OSWER Dir. 9355.7-04, Land Use in the CERCLA Remedy Selection Process (25 May 95)
- GSA Memo, Restrictive Covenants on Non-Excess Property (16 OCT 98)
- ACSIM Memo, Army Guidance on using Institutional Controls (Ics) in the CERCLA Process (4 SEP 98)

#### **Definitions**

- Land Use Control (LUC)
  - Generic term for any restriction on the use of real property -- in the CERCLA context LUCs are Institutional Controls (ICs) + Engineering Controls (ECs)

## **Definitions**

- Institutional Control (IC)
  - In the CERCLA context, the legal mechanism incorporated into a remedy to ensure that land use does not change or that are ECs are altered

#### **Definitions**

- Engineering Control (EC)
  - In the CERCLA context, the physical mechanism used to implement a remedy

## Legal Framework

- Statutory Drivers
  - CERCLA is in the major driver
  - RCRA?
- CERCLA baseline risk assessment
  - Carcinogenic risk
  - Non-carcinogenic risk
  - Risk based ARARS
  - ICs do not = risk reduction

# Legal Framework

- Major factor in risk assessment -- LAND USE
  - "[T]he assumption of future residential land use may not be justifiable if the probability that the site will support residential use in the future is small." 55 Fed. Reg. at 8710
  - Major exception -- groundwater

# Legal Framework

- Future land use prognosticators
  - Current uses
  - Surrounding Uses
  - Zoning
  - Environmental Justice issues
  - Environmentally sensitive areas (e.g., wetlands, ESA critical habitat)

# Legal Framework

- LUC or IC?
- Types of ICs
  - Land use planning (e.g., zoning)
  - Property law

## Legal Framework

- Major IC considerations
  - Effectiveness
  - Permanence
  - Type of installation (active, excess and BRAC)
    - GSA Memo
  - Role of regulators
    - Selecting
    - Enforcement

# **Current Policy**

- Army policy
  - − IC for risk = CERCLA remedy
  - High degree of certainty (mandated use) IC
    - Document with NFA DD or ROD
    - $\bullet \ \ Capture \ in \ FOST/FOSTL/ \ Installation \ Master \ Plan$
  - Consider cleaning to unrestricted use as an alternative to NFA or IC
  - Include IC maintenance in cost estimates

### The Future?

- Near Term
  - Fort McClelland
- DOD Guidance
  - Active installations
  - BRAC/Excess installations
- State law trends
- Army organizational issues